## Message

Burdett, Cheryl [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP From:

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E8F84378969242DBA5EB260C1CC89FB8-CBURDETT]

Sent: 7/12/2018 8:36:02 PM

Gunter, Kenneth [gunter.kenneth@epa.gov] To:

Subject: FW: Nitrate Isotope Powerpoint

Attachments: Isotopes Analysis 15Nvs18O.pdf; Isotopes Analysis 15NvsN.pdf; Isotopes Analysis 15NvsN.xlsx

## Hi Ken:

I collected samples NE Juneau County, Wisconsin that were analyzed for N15 isotopes and O16 isotopes. I was not sure how to interpret the data, so we are having a call with Region 7 to discuss the attached maps and wondered if you would be interested in sitting in to further clarify any questions that I or Dean Maraldo may have on what the data means.

I sent you a meeting request for 12:00 PM tomorrow 7/13.

Sincerely,

Cheryl Burdett R5 EPA/WECA CAFO Program Manager Work: 312-886-1463

From: Maraldo, Dean

**Sent:** Thursday, July 12, 2018 10:01 AM

To: Brooks, J. Renee <Brooks.Reneej@epa.gov>; Burdett, Cheryl <burdett.cheryl@epa.gov>; Bahr, Ryan

<bahr.ryan@epa.gov>; Wilson, Jennifer <wilson.jenniferA@epa.gov>

Subject: Re: Nitrate Isotope Powerpoint

Here are the graphs as discussed. I broke the data into three categories, upgradient of fields, downgradient of fields, and downgradient of the CAFO. Also attaching the spreadsheet behind the data.

Thanks, Dean

Dean Maraldo Water Enforcement & Compliance Assurance Branch U.S. EPA - Region 5 77 West Jackson Blvd. (WC-15J) Chicago, Illinois 60604

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e-mail: maraldo.dean@epa.gov http://www.epa.gov/enforcement/

From: Brooks, J. Renee

Sent: Wednesday, July 11, 2018 3:09 PM

To: Burdett, Cheryl; Maraldo, Dean; Bahr, Ryan; Wilson, Jennifer

Subject: Nitrate Isotope Powerpoint

Hi All,

Here are those slides with a few more, plus the paper referenced.

## Renée

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